Ap for use through 10/31/99. OMB 0651-0031

Please type a plus sign (+) inside this box.

B Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

00110 01 110111	DC1.												
Substitut	e for fo	om 1449	JAPTO			_	cation Number	er		10/532,148	В		
INFO)RN	ΛΔΤΙ(ON DISC	ai Osiii	RF	Filing	Date			April 20, 20	005		
						First I	First Named Inventor				kama		
314		VICIN I	T BY AP	PLICA	NI	Group	p Art Unit						
	(Use	as many	y sheets as ne	ecessary)		Exam	iner Name						
Sheet	1		Attorr	ney Docket N	umber		TAMPPAT	-13					
							DOCUMENT	rs					
Examiner Initials*	Cite No.1	U.S. Patent Document					Patentee or t of Cited Doo	zument	Cited	of Publicatio Document DD-YYYY	n of	Pages, Columns, Lines, Where Relevant Passag or Relevant Figures	
		Numb	-er 		nown)	ı			IAHAL	,0-1111		Appear	
S		4,535,950			Lisnyans	ky		08-20	-1985				
1	<u></u>	4,864,851				Haughtor	<u> </u>	***********	09-12	-1989	••••••		
		5,308,	•••••			Hakiel		••••••••	4	-1994			************
- 88	. 	5,402,	,673			Weinert e	et al.	**********	04-04-1995			••••••	
	ļ		·			••••••	******************		 	***************************************			•••••
	ł		•••••••			***********	***************************************	•••••	∤	****************			••••••
	†		***************************************					••••••			••••••		
•••••	†		***************************************		******	*************	*******************	••••••			•••••		
	<u> </u>	1		1									
	<u> </u>		***************************************	I									
***************************************	Ī		***************************************			••••••	***************************************						
•••••	 		***************************************			••••••	***************************************	***********	ļ	••••••			•••••
	 	, .	***************************************				*******************************	•••••		·····			
	 		***************************************				***************************************	••••••	ļ				
			•••••				****************			,			•••••••
	ļ					***************************************			ļ		•••••		
				FOREI	GN P/	ATENT C	OCUMENT	rs				<u> </u>	
	П	Fo	oreign Patent Do		T	116111		Ť					
Examiner	Cite						of Patentee or Date of Pub						
Initials*	No.'	Office ³ Number ⁴		Kind Code ⁵ (If known)	Docui			Cited Document MM-DD-YYYY			Pass Figur	To	
38		wo	99/44058	A1	Valm	et Corpor	ation	02-09	-1999				
Źζ	 	wo	02/086456	A1	Metso	o Paper, I	nc.	10-31	-2002	••••••••		,	
	l	<u></u>			<u> </u>			1				,	
							•••••						
						•••••••					ļ		
************					, 						 		<u> </u>
	ļ	 	 		. 			. 	· • • • • • • • • • • • • • • • • • • •				
	ļ	 	{				,	· 	••••••	•••••			
Examiner Signature			puil gho	J.			Date Considered	, —	4/	131200	96	/	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Ар

Please type a plus sign (+) inside this box

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute	for form 1449B/PT0)		Complete if Known			
INIEO	DMATION	DICC	I OCUPE	Application Number	10/532,148		
	RMATION			Filing Date April 20, 2005			
STA	rement by	Y AP	PLICANT	First Named Inventor	Marko Jorkama		
	Use as many sheet	s as ne	cessarv)	Group Art Unit			
1		00770		Examiner Name			
Sheet	2	Of	2	Attorney Docket Number TAMPPAT-13			

NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
%		International Preliminary Examination Report issued in PCT/FI02/00336						
8 \$		International Search Report tissued in PCT/FI02/00336						
		· · · · · · · · · · · · · · · · · · ·						
		<u> </u>						

Examiner Signature	Saipshol	Date Considered	4/13/2006	
-----------------------	----------	--------------------	-----------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached

10/532148

PTO/SB/08A (10-96

PTO/SB/08A (10-96) Approved for use through 10/31/99. OMB 0651-0031

Please type a plus sign (+) inside this be Under the Paperwork Reduction I control number.

19

Patent and Tradem 1995, no persons are required to respond to a collection

fice: U.S. DEPARTMENT OF COMMERCE of information unless it displays a valid OMB

Substitute for form 1449A/PTO						Applic	Application Number Filling Date JC13 Rec'd PCT/PTO 20 APR						O APR 2005	
INIE	10 M	A TI	ON DISC	OGI 10	25	Filing	Date	JCT	3 Ke	Cur	ילווטי	0 ~	0 111 11 E00 3	
						First I	First Named Inventor Marko Jorkama				o Jorkama	na		
SIA	' 1 F I/	/IEN	T BY AP	PLICAN	4 I	Group	Group Art Unit							
(Use as many sheets as necessary)							iner Name							
Sheet 1 Of 2							ey Docket Nu	ımber		TAME	PPAT-13			
					U.S. 1	PATENT	DOCUMENT	s				•		
Examiner Initials*	Cite No.1	U.S. Patent Document Number Kind Code² (If known)			ode²	Applicant of Cited C			Cited Document \\MM-DD-YYYY \			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
<i>8</i> 8	 	3,822	2,588			Knight et	ai.		07-09	-1974				
Ĭ	1	······································			Hoffmanr		••••••	06-30	-1987	••••••	•••••			
1	1	5,282	<u>.</u> ,382			Fiore et a	l.		02-01	-1994		****		
		5,297	ʻ,062			Cresson	et al.		03-22	-1994	••••••			
<u> </u>		5,535	,627			Swanson	et al.		07-16	-1996			***************************************	
		6,036				Myren			03-14	-2000				
70°	ļ	6,517	***************************************	B1	······	Mustoner	et al.		4	-2003	••••••	••••••		
<i>X</i>	ļ	2004/	/0163457	A1		Jorkama	••••••		08-26	-2004	•••••	•••••		
	}		***************************************			••••••		********	ł	• • • • • • • • • • • • • • • • • • • •	••••••			
	 		••••••			•••••			{	•••••	••••••	•••••	••••••	
	†		***************************************			••••••	••••••••	••••••		•••••				
••••••	!		***************************************				•••••••	•••••	ł	••••••	••••••	•••••		
***************************************			••••••••••	••••••				••••••	 	•••••	••••••	••••••	***************************************	
	!		***************************************	••••••		************		********	†	••••••			***************************************	
**************	† *********		***************************************	***************************************		************		********						
••••••	† ********						•••••••	•••••	•••••	••••••	••••••	*********	***************************************	
				,*******				••••••		••••••			••••••	
				FOREIGN P	ATEN	T DOCL	MENTS							
Examiner	Cite	F	oreign Patent Do	cument	Applic	of Pater			cation		Pages, Columns		_	
Initials*	No.¹	Office ³ No	umber ⁴	i		Document		Cited Docume MM-DD-YYYY			Where R Passage Relevant Appear	or		
<i>8</i> 8		FI	840380			a/Sökand ers Oy	e: LD-	07-20	-1988				Title, Abstract and Description, p. 4, lines 10 to 23	
28	<u> </u>	wo	97/24595	A1	Beloit	Technol	chnologies, Inc. 07-1		07-10-1997					
21 23	 	wo	2004/038384	A1	Metso	Paper, I	nc.	05-06	-2004			•••••••	•••••••	
	 			,			•••••							
	 	 						ļ					•	
	 				ļ	•••••	••••••							
	ļ				ļ	••••••								
***************************************	 	}	-			••••••	••••••	 				•••••		
Examiner	\top	_ Se	nip Shoh				Date Considered	1	4,	/14/	2006			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter

**Unique citation designation number. *See attached kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **Applicant is to place a check mark here if English language Translation is attached.

مؤخب - وهم

10/532148 PTO/SB/08B (10-96)

PTO/SB/08B (10-96) Approved for use through 10/31/99. OMB 0651-0031

B Please type a plus sign (+) inside this by ffice: U.S. DEPARTMENT OF COMMERCE Patent and Traden of information unless it displays a valid OMB Under the Paperwork Reduction 1995, no persons are required to respond to a colle control number. IC13 Rec'd PCT/P7 Complete if Known Substitute for form 1449B/PTO **Application Number** INFORMATION DISCLOSURE Filing Date STATEMENT BY APPLICANT First Named Inventor Marko Jorkama **Group Art Unit** (Use as many sheets as necessary) Examiner Name 2 Of 2 Sheet **Attomey Docket Number** TAMPPAT-13

NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
88		'The Mechanics of Winding*, D. Roisum, Tappi Press 1994, p. 62						
&\$.		International Search Report issued in PCT/FI03/00784						
·····								
•••••••••	!		••••••					
•••••••								
••••••			•••••••					
			,					
***************************************		<u>'</u>						

Examiner Signature	Sout Std	Date Considered	4/14/2006
-----------------------	----------	--------------------	-----------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached